

a first adhesive tie layer, and

a layer of low density polyethylene;

wherein the blend barrier layer comprises 35% - 95% ethylene vinyl alcohol copolymer and exhibits an oxygen transmission rate of less than about 1 cc-mil/100 in² · day,

the tie layer being between the blend layer and the layer of low density polyethylene.

Claim 20. (currently amended) The laminate as claimed in Claim 19, further comprising a second adhesive tie layer coated on the paper substrate between the three layer coating coextrusion.

Claim 21. (previously presented) The laminate for producing a paper package in accordance with Claim 19, further comprising a polyolefin layer coated onto an uncoated side of the paper substrate.

Claim 22. (previously presented) The laminate for producing a paper package in accordance with Claim 19, wherein the ethylene vinyl alcohol copolymer has an ethylene content ranging from 29-50%.

Claim 23. (previously presented) The laminate for producing a paper package in accordance with Claim 19, wherein the polyolefin of the blend barrier layer is low density polyethylene, linear low density polyethylene or polypropylene.

Claim 24. (previously presented) The laminate for producing a paper package in accordance with Claim 20, wherein the first and second adhesive tie layer is a modified polyethylene or modified polypropylene.

Claim 25. (previously presented) The laminate for producing a paper package in accordance with Claim 19, wherein the blend barrier layer comprises 50% ethyl vinyl alcohol copolymer with an ethylene content of 44 mole % and 50% low density polyethylene.

Claim 26. (currently amended) A package produced from a laminate comprising: A paper substrate; and a three layer coating coextrusion coated onto the substrate, the three layer coating coextrusion comprising a blend barrier layer made from ethylene vinyl alcohol copolymer and a polyolefin in the absence of a compatibilizer and exhibiting an oxygen transmission rate of less than 1cc-mil/100 in 2. day an adhesive tie layer, and a layer of low density polyethylene; wherein the blend barrier layer comprises 35%-95% ethylene vinyl alcohol copolymer, the tie layer being between the blend barrier layer and the layer of low density polyethylene.

Claim 27. (previously presented) The package produced from a laminate in accordance with claim 26, further comprising a polyolefin layer coated onto an uncoated side of the paper substrate.

Claim 28. (previously presented) The package produced from a laminate in accordance with claim 26, wherein the ethylene vinyl alcohol copolymer has an ethylene content ranging from 29-50%.

Claim 29. (previously presented) The package produced from a laminate in accordance with claim 26, wherein the polyolefin of the blend barrier layer is low density polyethylene, linear low density polyethylene or polypropylene.

Claim 30. (previously presented) The package produced from a laminate in accordance with claim 26, wherein the adhesive tie layer is a modified polyethylene or modified polypropylene.

Claim 31. (previously presented) The package produced from a laminate in accordance with claim 26, wherein the blend barrier layer comprises 50% ethyl vinyl alcohol copolymer with an ethylene content of 44 mole % and 50% low density polyethylene.

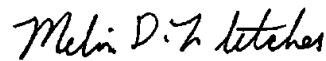
Claim 32. (previously presented) The laminate as claimed in claim 19, wherein the blend barrier layer is made without compatibilizers.

Claim 33. (previously presented) The package produced from a laminate in accordance with claim 26, wherein the blend barrier is made without compatibilizers.

Claim 34. (previously presented) The laminate as claimed in claim 19, further comprising a second adhesive tie layer and a second LDPE layer, wherein the second tie layer is positioned between the blend barrier layer and the second LDPE layer.

Claim 35. (previously presented) The laminate as claimed in claim 34, wherein the second tie layer has a first and second surface, said first surface is in contact with the blend barrier layer and the second surface is in contact with the second LDPE layer.

Respectfully submitted,



Melvin D. Fletcher

Date: November 11, 2004
International Paper Co.
6285 Tri-Ridge Blvd
Loveland, OH 45140
Ph: (513) 248-6207
Fax: (513) 248-6455
melvin.fletcher@ipaper.com